

I/4466/2019 / 1823-1824



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन-I प्रभाग

Power System Planning & Appraisal-I Division

सेवा में / To,

Chairman and Managing Director,
Power Grid Corporation of India Limited,
Saudamini Plot No. 2, Sector-29
Gurgaon-122 001

विषय/Subject : विद्युत अधिनियम, 2003 की धारा 68(1) के तहत " Scheme to control Fault level at Wardha substation" योजना के अंतर्गत आने वाले पारेषण कार्यों के लिए मैसर्स पॉवरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड (पीजीसीआईएल) को भारत सरकार की पूर्व स्वीकृति/Prior approval of Government of India under section 68(1) of the Electricity Act, 2003 to **M/s POWERGRID Corporation of India Ltd. (PGCIL)** for the transmission works covered under "Scheme to control Fault level at Wardha substation"

संदर्भ /Reference: PGCIL letter no. C/CP/Sec-68 dated March 07, 2019

Madam/Sir,

Reference is invited to the above mentioned letter of POWERGRID, seeking prior approval of Government of India under Section 68(1) of Electricity Act, 2003 for the following scope of works under the subject scheme to be implemented by POWERGRID through regulated tariff mechanism:

1) Scheme to control Fault level at Wardha Substation

- i) Split of 400 kV Wardha substation into two sections, Section-A and Section-B with necessary switching arrangement.
- ii) Disconnection of Koradi II- Wardha 400 kV (Quad) line and Warora-Wardha 400 kV (Quad) line from Wardha 400 kV bus and connecting the two lines at outskirts of Wardha substation so as to form Warora-Koradi II 400 kV (Quad) line

I/4466/2019 (1823-1824)

- iii) All necessary arrangement for change in termination of Warora Pool-Wardha 400 kV D/C (Quad) line by disconnecting it from Wardha 400 kV BUS Section A and terminating in vacant 400 kV bays (of Warora and Koradi II 400 kV (Quad) lines of MSETCL) at Wardha 400 kV BUS Section B.
 - iv) 2X63MVar line reactors at Wardha end of Wardha-Warora Pool 400 kV D/c (quad) line to be used as bus reactors at Wardha S/s - section A (by using the two nos. of 400 kV bays which shall be vacant in Wardha Bus Section-A after shifting of Warora pool-Wardha 400 kV D/C line from Section-A to Section-B)
 - v) Connection of 12 Ohm fault limiting reactor between BUS Section A and BUS Section B of Wardha 400 kV BUS.
{Layout of Wardha 765/400 kV S/s is I type with two main BUS. BUS section A and B of one main BUS will be connected through 12 Ohm fault limiting reactor and BUS Section A and B in second main BUS will remain disconnected.}
 - vi) Necessary modifications at Wardha substation like change of some elements including CTs if those are not designed for 50 kA fault level.
2. The above mentioned transmission scheme has been deliberated and agreed in the 40th meeting of Standing Committee on Power System Planning of Western Region held on 01.06.2017 at New Delhi. Subsequently, in the 2nd meeting of the Empowered Committee on transmission (ECT) held on 06/08/2018, the above scheme was agreed to be implemented by POWERGRID through Regulated Tariff Mechanism. MoP vide its OM dated 21st August, 2018 issued the Minutes of the 2nd meeting of the Empowered Committee on Transmission wherein it is mentioned that the above mentioned scheme is to be implemented under RTM by POWERGRID.
 3. CEA conveys the prior approval of the Government of India under section 68 (1) of the Electricity Act, 2003 to POWERGRID for the following overhead line works involved in the transmission scheme “ **Scheme to control Fault level at Wardha Substation**” :
 - i) Disconnection of Koradi II - Wardha 400 kV (Quad) line and Warora - Wardha 400 kV (Quad) line from Wardha 400 kV bus and connecting the two lines at outskirts of Wardha substation so as to form Warora - Koradi II 400 kV (Quad) line.
 - ii) All necessary arrangement for change in termination of Warora Pool-Wardha 400 kV D/C (Quad) line by disconnecting it from Wardha 400 kV BUS Section A and terminating in vacant 400 kV bays (of Warora and Koradi II 400 kV (Quad) lines of MSETCL) at Wardha 400 kV BUS Section B.
 4. This approval is subject to compliance of
 - a) The relevant provisions of the Act, as amended from time to time and the rules and regulations made there under, and
 - ~~b) CEA (Measures relating to Safety and Electrical Supply) Regulations, 2010 and~~ any subsequent amendments made thereto.

I/4466/2019 | 1823 | 1824

5. The approval is also subject to the following conditions:

- (i) The implementing agency will commence construction of the project within three years of grant of approval, unless this term is extended by the Central Electricity Authority.
- (ii) Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one-month notice.
- (iii) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

भवदीय / Yours faithfully,

Digitally signed by P.C. KUREEL
Date: 2019.03.29 13:02:04 IST

(पी. सी. कुरील / P.C. Kureel)

सचिव / Secretary, के.वि.प्रा / CEA

प्रति लिपि / Copy to - Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi

